



1                    2.        The process of claim 1, wherein the metal oxide comprises  
2        a pyrogenic metal oxide.

1                    3.        The process of claim 1, wherein the metal oxide is fluidized  
2        during silylation.

1                    4.        The process of claim 1, wherein the metal oxide comprises  
2        silica.

1                    5.        The process of claim 4, wherein the metal oxide comprises  
2        pyrogenic silica.

1                    6.        The process of claim 1, wherein the reaction comprises the  
2        steps of (1) loading metal oxide with silylating agent(s) at a temperature of 20°C to  
3        120°C to form a metal oxide and silylating agent mixture, (2) reacting the metal  
4        oxide and silylating agent mixture at a temperature of 50°C to 330°C to form a  
5        partly silylated metal oxide, and (3) purifying the partly silylated metal oxide at a  
6        temperature of 290°C to 340°C.

1                    7.        A partly hydrophobic silica whose particles have a contact  
2        angle  $\theta$  in air for water of less than 180°, the degree of coverage  $\tau$  of the surface of  
3        the silica with silylating agent residues, based on the total silica particle surface  
4        area, being  $1\% < \tau < 50\%$ , the density of the surface silanol groups SiOH ranging  
5        between a minimum of 0.9 and a maximum of 1.7 SiOH/nm<sup>2</sup> particle surface area,  
6        and the particles having a carbon content of less than 0.1 % by weight and up to 20%  
7        by weight, and a methanol number of less than 30.

1                    8.        An additive for controlling the rheology of liquid and  
2        pulverulent systems, which comprises a silica of claim 7.

1                   9.     An additive for controlling the rheology of liquid and  
2     pulverulent systems, which comprises a silica prepared by the process of claim 1.

1                   10.    A toner or developer which comprises a silica as claimed in  
2     claim 7.

1                   11.    A toner or developer which comprises a silica as claimed in  
2     claim 9.

1                   12.    An emulsion which comprises a silica as claimed in claim 7.

2                   13.    An emulsion which comprises a silica as claimed in claim 9.

1                   14.    The emulsion of claim 12, which comprises no emulsifier  
2     other than said silica.